

2-11-02

Customer No. 000959

Case Docket No. MRI-021

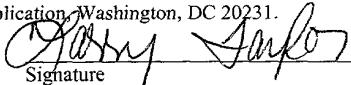
A  
BOX Searched

THE COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

"Express Mail" Mailing Label Number EL 931 674 917 US

Date of Deposit February 7, 2002

I hereby certify that this transmittal letter and the papers referred to as being enclosed therein are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, DC 20231.

  
Signature

Larry Taylor

Please Print Name of Person Signing

Sir:

Transmitted herewith for filing is the patent application of

Contributors(s): Glenn Barnes, Joanne Meyer

For: Detection of Polymorphisms in the Human 5-Lipoxygenase Gene

Enclosed are:

- 69 pages of specification, 6 pages of claims, 1 page of abstract.
- 3 page(s) of Tables 1-3
- 104 page(s) of Drawings (1 Page Figure 1; 51 pgs. Figure 2; 1pg. Figure 3; and 51 pgs. Figure 4)
- A Declaration, Petition and Power of Attorney (unexecuted) (6 pages).
- Transmittal Letter for Diskette Containing Sequence Listing (1 page);
- 103 pages of Sequence Listing (Paper Copy);
- Diskette Containing Sequence Listing;
- An assignment of the invention to \_\_\_\_\_ . A recordation form cover sheet (Form PTO 1595) is also enclosed.
- Applicant claims small entity status. See 37 CFR 1.27.
- Application Data Sheet (3 pages).

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)
FOR:	NO. FILED
BASIC FEE	//////////
TOTAL CLAIMS	61 - 20 = 41
INDEP. CLAIMS	8 - 3 = 5
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED	

\* If the difference in Col. 2 is less than zero,  
enter "0" in Col. 2.

SMALL ENTITY	
RATE	FEES
//////////	\$
OR	
x 9=	\$
OR	
x 42	\$
+140	\$
TOTAL	0

OTHER THAN SMALL ENTITY	
RATE	FEES
//////////	\$ 740
OR	
x 18=	\$ 738
OR	
x 84	\$ 420
OR	
+280	\$ 280
OR	
TOTAL	\$2178.00

- Please charge my Deposit Account No. 12-0080 in the amount of \$.  
A duplicate copy of this sheet is enclosed.
- A check in the amount of \$2178.00 to cover the filing fee is enclosed.

MRI-027

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-0080.  
A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. 1.16.  
 Any patent application processing fees under 37 C.F.R. 1.17.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 12-0080.  
A duplicate copy of this sheet is enclosed.

Any patent application processing fees under 37 C.F.R. 1.17.  
 The issue fee set in 37 C.F.R. 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).  
 Any filing fees under 37 C.F.R. 1.16 for presentation of extra claims.

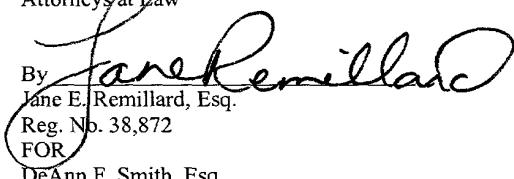
A check in the amount of \$ \_\_\_\_\_ to cover the recording of assignment documents is also enclosed.

Address all future communications (May only be completed by applicant, or attorney or agent of record) to DeAnn F. Smith, Esq. at Customer Number: 000959 whose address is:

Lahive & Cockfield, LLP  
28 State Street  
Boston, Massachusetts 02109

Date: February 7, 2002

LAHIVE & COCKFIELD, LLP  
Attorneys at Law

By   
Jane E. Remillard, Esq.  
Reg. No. 38,872  
FOR  
DeAnn F. Smith, Esq.  
Reg. No. 36,683  
28 State Street  
Boston, MA 02109  
(617) 227-7400  
Telecopier (617) 742-4214

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Glenn Barnes, *et al.*

Serial No.: Not Yet Assigned

Filed: Herewith

For: "Detection of Polymorphisms in the Human  
5-Lipoxygenase Gene"

Attorney Docket No.: MRI-021

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Commissioner for Patents  
Box Sequence  
Washington, D.C. 20231

**TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING**

Dear Sir:

Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed herewith. The Sequence Listing complies with the requirements of 37 C.F.R. § 1.821. Please substitute the originally filed Sequence Listing with the substitute Sequence Listing (pages 1-103), submitted herewith. The material on this diskette is identical in substance to the Sequence Listing appearing on pages 1-103 of the Sequence Listing which is submitted herewith, as required by 37 C.F.R. § 1.821(f). The computer readable form of the sequence listing contained on the enclosed diskette is understood to comply with the requirements of § 1.824(d).

Express Mail" mailing label number EL 931 674 917 US

Date of Deposit February 7, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

Signature

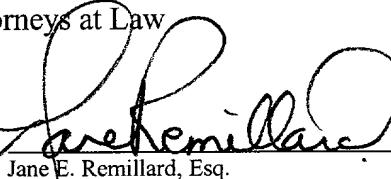
Larry Taylor

Please Print Name of Person Signing

LAHIVE & COCKFIELD, LLP

Attorneys at Law

By:



Jane E. Remillard, Esq.

Reg. No. 38,872

FOR

DeAnn F. Smith, Esq.

Reg. No. 36,683

28 State Street

Boston, MA 02109

(617) 227-7400

Telecopier (617) 742-4214

Date: February 7, 2002